

D. Radiodurans

Ultra
Extremophile



Deinococcus radiodurans

Ability

Thrives in bodies of high levels of radiation, cold temperatures and tolerates acid.

Bacterium



Type



Resistance

Tardigrade

Ultra
Extremophile



Tardigrada; Water Bear

Ability

Survives high levels of radiation, pressure, and extreme temperatures

Microanimal



Type



Resistance

Sea Monkey

Poly-
extremophile



Artemia Salina

Ability

Thrives in bodies of water with high salt concentrations. Enjoys warm temperatures!

Crustacean



Type

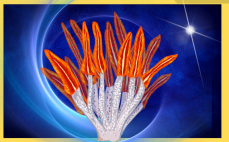


Resistance

Bonus Fact:
Swims up-side down

Giant Tube Worm

Ultra
Extremophile



Riftia pachyptila

Ability

Thrives in deep bodies of water with high temperatures and pressures.

Invertebrate



Type



Resistance



T. Aquaticus

Extremophile



Thermus aquaticus

Ability

Thrives in very hot temperatures.
Really likes heat and steam!

Bacterium



Type

Resistance



Montagnea

Extremophile



Montagnea arenaria

Ability

Survives in hot temperatures
and low humidity.

Fungi



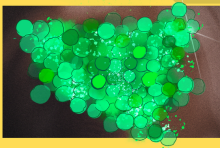
Type

Resistance



Chlorophyta

Extremophile



Chlamydomonas acidophila

Ability

Thrives in extremely acidic
conditions.

Fungi



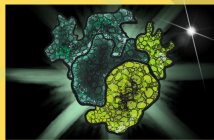
Type

Resistance



Lichens

Extremotolerant



Acarospora socialis

Ability

Survives in hot temperatures
and low humidity.

Fungi



Type

Resistance





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Pompeii Worm

Poly-extremophile



Alvinella pompejana

Ability

Survives in deep hot waters.

Invertebrate



Type

Resistance



Dumbo Octopus

Poly-extremophile



Grimpoteuthis

Ability

Thrives in deep bodies of water with high pressures and cold temperatures.

Octopod



Type

Resistance



Culex

Poly-extremophile



Culex Rotoruae

Ability

Survives in high altitudes and hot steamy temperatures.

Insect



Type

Resistance



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VOLCANIC VENT



CONDITIONS



FROZEN LAKE



CONDITIONS



HOT SEA VENT



CONDITIONS



MARTIAN SURFACE



CONDITIONS





**DEEP
OCEAN**



**HOT
SPRINGS**



**OUTER
SPACE**



DESERT

HOT SPRINGS



CONDITIONS



DEEP OCEAN



CONDITIONS



DESERT



CONDITIONS



OUTER SPACE



CONDITIONS





ACID RIVER



SALINE SEA



OCEAN WORLD

HOW TO PLAY

SETUP + GAMEPLAY

- 2 players, 1 dealer (optional)
- Dealer places environment card face down (symbols are hidden and only the environment can be seen).
- Each player draws 3 extremophile cards.
- Each player decides which of their extremophiles they think is best suited to survive in the given environment, and places selected extremophile face down on table.
- Dealer reveals conditions of the environment, so players can see how well their extremophile will survive.

HOW TO WIN

- Each matching symbol between an environment and an extremophile earns the player one point.
- **BONUS:** Pairing every symbol of an environment and thriving earns you an extra point.
- The person with the most points after ten rounds wins the game!



SALINE LAKE



CONDITIONS



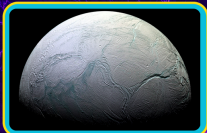
ACID RIVER



CONDITIONS



OCEAN WORLD



CONDITIONS

LOW INTERM. HIGH

TEMPERATURE



PRESSURE



ACIDITY



RADIATION



SALINITY



HUMIDITY



CONDITIONS



D. Radiodurans

Ultraextremófilo



Deinococcus radiodurans

Habilidad

Prospera en altos niveles de radiación, bajas temperaturas y resiste los ambientes ácidos.

Bacteria



Tipo

Resistencia



Tardigrado

Ultraextremófilo



Tardigrada; Oso Acuático

Habilidad

Sobrevive a altos niveles de radiación, presión y temperaturas extremas.

Microanimal



Tipo

Resistencia



Mono Marino

Polextremófilo



Artemia Salina

Habilidad

Prospera en cuerpos de agua con altas concentraciones de sal.
¡Disfruta de temperaturas cálidas!

Crustáceo



Tipo

Resistencia



Sabías que...
Puedo nadar al revés!

Gusano de Tubos Gigante

Ultraextremófilo



Riftia pachyptila

Habilidad

Prospera en cuerpos profundos de agua con altas temperaturas y presiones

Invertebrado



Tipo

Resistencia





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T. Aquaticus

Extremófilo



Thermus aquaticus

Habilidad

Prospera en temperaturas muy calientes y le fascina el vapor

Bacteria



Tipo

Resistencia



Montagnea

Extremófilo



Montagnea arenaria

Habilidad

Prospera en temperaturas calientes y poca humedad

Hongo



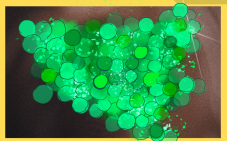
Tipo

Resistencia



Clorofitas

Extremófilo



Chlamydomonas acidophila

Habilidad

Prospera en condiciones extremadamente ácidas

Hongo



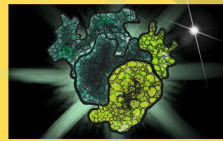
Tipo

Resistencia



Líquenes

Extremotolerante



Acarospora socialis

Ability

Sobrevive en temperaturas calientes y poca humedad

Hongo



Tipo

Resistencia





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Gusano de Pompeya

Poliextremófilo



Alvinella pompejana

Habilidad

Sobrevive en aguas calientes profundas



Invertebrado

Tipo

Resistencia



Pulpo Dumbo

Poliextremófilo



Grimpoteuthis

Habilidad

Prospera en cuerpos profundos de agua con altas presiones y temperaturas muy frías



Octópodo

Tipo

Resistencia



Culex

Poliextremófilo



Culex Rotoruae

Ability

Sobrevive en grandes altitudes y temperaturas cálidas y vaporosas



Insecto

Tipo

Resistencia



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